

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. PU60350	SERIAL NO. 10/564451
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>		APPLICANT Dennis LEE, <i>et al.</i>	
		FILING DATE 12 Jan 2006	GROUP 1626

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/SY/	<b>1</b>	4,057,530	Nov. 8, 1977	Pigerol, <i>et al.</i>			
/SY/	<b>2</b>	4,310,527	Jan. 12, 1982	Jaeggi, <i>et al.</i>			
/SY/	<b>3</b>	4,863,958	Sep. 5, 1989	Belanger, <i>et al.</i>			
/SY/	<b>4</b>	4,897,494	Jan. 30, 1990	Psaar, <i>et al.</i>			
/SY/	<b>5</b>	4,902,806	Feb. 20, 1990	Psaar, <i>et al.</i>			
/SY/	<b>6</b>	5,446,011	Aug. 29, 1995	Hayakawa, <i>et al.</i>			
/SY/	<b>7</b>	5,506,240	Apr. 9, 1996	Schmidlin, <i>et al.</i>			
/SY/	<b>8</b>	5,559,127	Sep. 24, 1996	Hartman, <i>et al.</i>			
/SY/	<b>9</b>	5,639,906	Jun. 17, 1997	London, <i>et al.</i>			
/SY/	<b>10</b>	6,384,235	May 7, 2002	Henkelmann, <i>et al.</i>			
/SY/	<b>11</b>	6,506,758B2	Jan. 14, 2003	Gagliardi, <i>et al.</i>			
/SY/	<b>12</b>	6,630,496	Oct. 7, 2003	Seehra, <i>et al.</i>			
/SY/	<b>13</b>	6,787,550B1	Sep. 7, 2004	Farina, <i>et al.</i>			
/SY/	<b>14</b>	6,794,406B2	Sep. 21, 2004	Hanning, <i>et al.</i>			
/SY/	<b>15</b>	6,858,739B2	Feb. 22, 2005	Connor, <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/SY/	<b>16</b>	AU 199932335A1	23 Dec 1999	Charpentier, <i>et al.</i>				
/SY/	<b>17</b>	DE 195 30 449 A1	20 Feb 1997	Meier, <i>et al.</i>				
/SY/	<b>18</b>	DE 2161 082	14 Jun 1973	Mach, <i>et al.</i>				
/SY/	<b>19</b>	DE 43 15 383 A1	8 May 1993	Meisel <i>et al.</i>				
/SY/	<b>20</b>	EP 0 963 981 A1	15 Dec 1999	Charpentier, <i>et al.</i>				
/SY/	<b>21</b>	FR 75 17105	02 Jun 1975	Pigerol, <i>et al.</i>				
/SY/	<b>22</b>	JP 11-60573	02 Mar 1999	Kitagawa, <i>et al.</i>				
/SY/	<b>23</b>	JP 9-169729	30 Jun 1997	Takemoto, <i>et al.</i>				
/SY/	<b>24</b>	JP 56-135404	22 Oct 1981	Okada, <i>et al.</i>				
/SY/	<b>25</b>	JP 58-162573	27 Sep 1983	Yashushi Suzuki, <i>et al.</i>				
/SY/	<b>26</b>	JP 55-151505	26 Nov 1980	Misato, <i>et al.</i>				

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/SY/	<b>27</b>	JP 7-285269	31 Nov 1995	Kunio Hayakawa, et al				
/SY/	<b>28</b>	WO 01/07031 A1	01 Feb 2001	Ueda, Kazuo, <i>et al.</i>				
/SY/	<b>29</b>	WO 91/17987	28 Nov 1991	Murray, <i>et al.</i>				
/SY/	<b>30</b>	WO 93/19754	14 Oct 1993	Murray, <i>et al.</i>				
/SY/	<b>31</b>	WO 94/03453	17 Feb 1994	Ratcliffe, <i>et al.</i>				
/SY/	<b>32</b>	WO 96/26207	29 Aug 1996	Ohara, <i>et al.</i>				

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/SY/	<b>33</b>	AKIYAMA, SHUZO, ET AL; Development and Application of Organic Reagents for Analysis. VI.; Bulletin Chem. Soc. Jpn; 1985; 58; 2192-2196;
/SY/	<b>34</b>	ASSAF, PETER ET AL; 2-(4-Carboxyphenyl)-6-N,N-diethylaminobenzofuran: a useful reagent for the sensitive determination of alcohols by high-performance liquid chromatography with fluorimetric detection; Journal of Chromatography; 2000; 869; 243-250;
/SY/	<b>35</b>	BLETTNER, CARSTEN G., ET AL; Poly(ethylene glycol) Supported Liquid Phase Synthesis of Biaryls; Synlett; March 1998; 3; 295-297;
/SY/	<b>36</b>	CHOW, A.W. ET AL; Semisynthetic Penicillins. III. Heterocyclic Penicillins; Journal of Medicinal Chemistry; Jul 1966; 9/4; 551-555;
/SY/	<b>37</b>	DALTON, LESLEY ET AL; Indole b-Nucleophilic Substitution.; J. Chem. Soc. Perkin Trans. 1; 1983; 10; 2417-22;
/SY/	<b>38</b>	GOTTSTEIN, W.J., ET AL; Derivatives of 6-Aminopenicillanic Acid. VII. Synthesis of Penicillin Aldehydes by a Novel Method; Journal of Organic Chemistry; Jun 1966; 31/6; 1922-1924;
/SY/	<b>39</b>	GUILLAUMEL, ET AL; A New Alkaline Rearrangement of the Benzofuran Skeleton. One Step Transformation of 2-(2-Benzofuranyl) benzonitriles Into (Z)-Phenylmethylenisindolinones; J. Heterocyclic Chem.; Mar-Apr 1990; 27; 605-614;
/SY/	<b>40</b>	GUILLAUMEL, JEAN ET AL; An unexpected rearrangement of 2-(2-benzofuranyl) benzonitriles: a new route to phenylmethylenedihydroisindolinones; J. Chem. Soc., Chem. Commun; 1988; 24; 1604-1606;
/SY/	<b>41</b>	GUILLAUMEL, JEAN, ET AL; Synthetic Routes to 2-(2-Benzofuranyl)benzoic Acids and their Cyclization into Benz(b)indero(2,1-d)furan-10-ones; J. Heterocyclic Chem; May-Jun 1990; 27; 1047;
/SY/	<b>42</b>	ISHIBASHI, KOKI ET AL; Synthesis of 2-Phenylbenzofuran Derivatives as Testosterone 5 $\alpha$ -Reductase Inhibitor; Chem. Pharm. Bull.; 1999; 47/2; 226-240;
/SY/	<b>43</b>	JIDONG ZHANG, JOZSEF ASZODI, CELINE CHARTIER, NATHALIE L'HERMITE AND JOHN WESTON; A colored dendrimer as a new soluble support in organic synthesis. Part 1: Suzuki reaction; Tetrahedron Letters 42; 12 July 2001; 6683-6686;

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

/SY/	<b>44</b>	JUDD, DUNCAN B., ET AL; Bromobenzofuran-Based Non-peptide Antagonists of Angiotensin IIL: GR138950, a Potent Antihypertensive Agent with High Oral Bioavailability; J. Med Chem; May 1994; 37; 3108-3120;
/SY/	<b>45</b>	KIRSCH, G., ET AL; Synthese d'amino-3 thiophenes a partir d'aryl-et d'hetaryl-acetonitrile (1); J. Heterocyclic Chem; Mar-Apr 1982; 19; 443-445;
/SY/	<b>46</b>	PALMER, P.J. ET AL; Antimicrobials. 2, Substituted Benzothiazolylbenzylamines and Related Compounds; Journal of Medicinal Chemistry; 1971; 14/12; 1226--1227;
/SY/	<b>47</b>	SASAMOTO, KAZUMI ET AL; New Chemiluminogenic Substrate for N-Acetyl-B-D-glucosaminidase, 4'-(6'-Diethylaminobenzofuranyl)phthalylhydrazido-N-acetyl-B-D-glucosaminide; Chem. Pharm. Bulletin; Feb 1991; 39/2; 441-416;
/SY/	<b>48</b>	SHARADA S. LABADIE, ET AL; Indol-2-yltributylstannane: A Versatile Reagent for 2-Substituted Indoles; J. Org. Chem; 1994; 59; 4250-54;
/SY/	<b>49</b>	TOSHIO ITAHARA; Synthesis of o-(2-Indolyl)benzoic Acids from Indole; Bull. Chem. Soc. Jpn; 1981; 54; 305-306; Institute of Chemistry, College of Liberal Arts, Kagoshima University, Kogoshima;
/SY/	<b>50</b>	YAMAGUCHI, SEIJI, ET AL; The Synthesis of Benzofuroquinolines. IX A Benzofuroisoquinolinone and a Benzofuroisocoumarin; J. Heterocyclic Chem; Mar-Apr 1995; 32; 419-423;
/SY/	<b>51</b>	YOUNG, WENDY B., ET AL; Optimization of a Screening Lead for Factor VIIa/TF; Bioorganic Medicinal Chemistry Letters; 2001; 2253-56;
/SY/	<b>52</b>	J. BEGER AND W. TREIBS; 2-Aza-Fluorene Aus 4-ARyl-3-Carboxy-Pyridinen; Justus Liebigs Annalen de Chenie; Nov 1961; 204-211;
/SY/	<b>53</b>	SILVANA FATUTTA; A y-dicarbonyl derivate of benzofuran; Annali di Chimica; 1962222; 52; 365-372;
/SY/	<b>54</b>	W. TREIBS AND J. BEGER; 4-Aryl-3-Carboxy-Pyridine Als Ausgangssubstanzen FUR N-Methyl-1.2-Benzisoazalene; Justus Liebigs Annalen de Chenie; Oct 1961; Vol. 652, Issue 1; 192-203;
/SY/	<b>55</b>	M. PAILER, A. SCHLEPPNIK AND A. MELLER; Über Derivate von Nitro-a-arylzimtsauren; Monatsh. Chem; 1965; 96/6; 1695-1709;
/SY/	<b>56</b>	TSAKLIDIS, JOANNIS N., ET AL; Aktivierte Chinone: Substitution von Azulenene, Benzofuran und Indolen durch 2-Methoxycarbonyl-1, 4-benzochinon.; Helvetica Chimica Acta; 1977; 60/3; 1033-1060;
EXAMINER		DATE CONSIDERED
/Shawquia Young/		10/22/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

10/564451

Sheet 1 of 1

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. PU60350	INTERNATIONAL APPLICATION NO. PGT/US2004/022706 <b>10/564451</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>		<b>APPLICANT</b> Dennis LEE, Joseph P. MARINO, Yongdon ZHAO	
		<b>FILING DATE</b> Herewith	<b>GROUP</b>

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/SY/	Farina ET AL., Novel bone antiresorptive agents that selectively inhibit the osteoclast V-H+-ATPase, Il Farmaco, Volume 56, Issues 1-2, 1 March 2001 (01.03.2001) pages 113- 116
EXAMINER	DATE CONSIDERED
/Shawquia Young/	10/22/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	